

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/639/076B
Source: IFW/6
Date Processed by STIC: 5/11/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/639,076B

TIME: 12:15:22

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05112006\J639076B.raw

3 <110> APPLICANT: Dennis, Mark S.
 5 <120> TITLE OF INVENTION: FVIIA ANTAGONISTS
 7 <130> FILE REFERENCE: 11669.232USC1
 9 <140> CURRENT APPLICATION NUMBER: US 10/639,076B
 10 <141> CURRENT FILING DATE: 2003-08-11
 12 <150> PRIOR APPLICATION NUMBER: US 09/632,429
 13 <151> PRIOR FILING DATE: 2000-08-04
 15 <150> PRIOR APPLICATION NUMBER: US 60/147,627
 16 <151> PRIOR FILING DATE: 1999-08-06
 18 <150> PRIOR APPLICATION NUMBER: US 60/150,315
 19 <151> PRIOR FILING DATE: 1999-08-23
 21 <160> NUMBER OF SEQ ID NOS: 109
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 20
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Synthetic peptide sequence
 33 <400> SEQUENCE: 1
 35 Ser Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Gly Cys Gly Ser
 36 1 5 10 15
 39 Val Gly Leu Val
 40 20
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 20
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: Synthetic peptide sequence
 51 <400> SEQUENCE: 2
 53 Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg Leu
 54 1 5 10 15
 57 Glu Gly Leu Glu
 58 20
 61 <210> SEQ ID NO: 3
 62 <211> LENGTH: 13
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:
 67 <223> OTHER INFORMATION: Synthetic peptide sequence
 69 <400> SEQUENCE: 3
 71 Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Glu Arg

(pg. 6)

RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/639,076B

TIME: 12:15:22

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05112006\J639076B.raw

```

72 1          5          10
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 13
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetic peptide sequence
83 <400> SEQUENCE: 4
85 Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg
86 1          5          10
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 13
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Synthetic peptide sequence
97 <400> SEQUENCE: 5
99 Trp Glu Val Val Cys Trp Thr Trp Glu Thr Cys Glu Arg
100 1          5          10
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 15
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Synthetic peptide sequence
111 <400> SEQUENCE: 6
113 Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
114 1          5          10          15
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 14
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Synthetic peptide sequence
125 <400> SEQUENCE: 7
127 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
128 1          5          10
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 13
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic peptide sequence
139 <400> SEQUENCE: 8
141 Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
142 1          5          10
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 12
147 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/639,076B

TIME: 12:15:22

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05112006\J639076B.raw

148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Synthetic peptide sequence
153 <400> SEQUENCE: 9
155 Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
156 1 5 10
159 <210> SEQ ID NO: 10
160 <211> LENGTH: 11
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic peptide sequence
167 <400> SEQUENCE: 10
169 Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
170 1 5 10
173 <210> SEQ ID NO: 11
174 <211> LENGTH: 10
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Synthetic peptide sequence
181 <400> SEQUENCE: 11
183 Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
184 1 5 10
187 <210> SEQ ID NO: 12
188 <211> LENGTH: 8
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Synthetic peptide sequence
195 <400> SEQUENCE: 12
197 Cys Trp Thr Trp Glu Asp Cys Arg
198 1 5
201 <210> SEQ ID NO: 13
202 <211> LENGTH: 9
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Synthetic peptide sequence
209 <400> SEQUENCE: 13
211 Cys Trp Thr Trp Glu Asp Cys Glu Arg
212 1 5
215 <210> SEQ ID NO: 14
216 <211> LENGTH: 8
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthetic peptide sequence
223 <400> SEQUENCE: 14

RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/639,076B

TIME: 12:15:22

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05112006\J639076B.raw

```

225 Cys Trp Thr Trp Glu Asp Cys Glu
226 1      5
229 <210> SEQ ID NO: 15
230 <211> LENGTH: 9
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Synthetic peptide sequence
237 <400> SEQUENCE: 15
239 Cys Trp Thr Trp Glu Thr Cys Glu Arg
240 1      5
243 <210> SEQ ID NO: 16
244 <211> LENGTH: 8
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Synthetic peptide sequence
251 <400> SEQUENCE: 16
253 Cys Trp Thr Trp Glu Thr Cys Glu
254 1      5
257 <210> SEQ ID NO: 17
258 <211> LENGTH: 16
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Synthetic peptide sequence
265 <400> SEQUENCE: 17
267 Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu
268 1      5      10      15
271 <210> SEQ ID NO: 18
272 <211> LENGTH: 18
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Synthetic peptide sequence
279 <400> SEQUENCE: 18
281 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly
282 1      5      10      15
285 Glu Gly
289 <210> SEQ ID NO: 19
290 <211> LENGTH: 24
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Synthetic peptide sequence
297 <400> SEQUENCE: 19
299 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly
300 1      5      10      15
303 Glu Gly Gly Gly Gly Ser Gly Gly

```

RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/639,076B

TIME: 12:15:22

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05112006\J639076B.raw

```

304          20
307 <210> SEQ ID NO: 20
308 <211> LENGTH: 13
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Synthetic peptide sequence
315 <400> SEQUENCE: 20
317 Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu Gly Gln
318 1          5          10
321 <210> SEQ ID NO: 21
322 <211> LENGTH: 16
323 <212> TYPE: PRT
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Synthetic peptide sequence
329 <400> SEQUENCE: 21
331 Glu Val Trp Glu Val Leu Cys Thr Asp Trp Glu Ser Cys Glu Trp Gly
332 1          5          10          15
335 <210> SEQ ID NO: 22
336 <211> LENGTH: 13
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Synthetic peptide sequence
343 <400> SEQUENCE: 22
345 Trp Glu Val Leu Cys Met Asp Trp Glu Thr Cys Glu Arg
346 1          5          10
349 <210> SEQ ID NO: 23
350 <211> LENGTH: 15
351 <212> TYPE: PRT
352 <213> ORGANISM: Artificial Sequence
354 <220> FEATURE:
355 <223> OTHER INFORMATION: Synthetic peptide sequence
357 <400> SEQUENCE: 23
359 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg
360 1          5          10          15
363 <210> SEQ ID NO: 24
364 <211> LENGTH: 13
365 <212> TYPE: PRT
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Synthetic peptide sequence
371 <400> SEQUENCE: 24
373 Trp Lys Val Leu Cys Ala Thr Trp Ala Thr Cys Gln Arg
374 1          5          10
377 <210> SEQ ID NO: 25
378 <211> LENGTH: 13
379 <212> TYPE: PRT

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/639,076B

DATE: 05/11/2006
TIME: 12:15:23

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\05112006\J639076B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:101; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
Seq#:101; Xaa Pos. 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41
Seq#:101; Xaa Pos. 42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60
Seq#:101; Xaa Pos. 61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79
Seq#:101; Xaa Pos. 80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98
Seq#:101; Xaa Pos. 99,100,102,103,104,105,106,108,109,110,111,112,113,114
Seq#:101; Xaa Pos. 115,116,117,118,119,120,121,122,123,124,125,126,127,128
Seq#:101; Xaa Pos. 129,130,131,132,133,134,135,136,137,138,139,140,141,142
Seq#:101; Xaa Pos. 143,144,145,146,147,148,149,150,151,152,153,154,155,156
Seq#:101; Xaa Pos. 157,158,159,160,161,162,163,164,165,166,167,168,169,170
Seq#:101; Xaa Pos. 171,172,173,174,175,176,177,178,179,180,181,182,183,184
Seq#:101; Xaa Pos. 185,186,187,188,189,190,191,192,193,194,195,196,197,198
Seq#:101; Xaa Pos. 199,200,201,202,203,204,205,206,207
Seq#:102; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,14,15,16,17,18
Seq#:103; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23
Seq#:103; Xaa Pos. 24,25,27,28,29,30,31,32,33,34,35,36,37,38,39,40
Seq#:104; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20
Seq#:105; Xaa Pos. 1,2,3,4,6,7,10,11,12,13,15,16,17,18
Seq#:106; Xaa Pos. 1,5,8,11,13,14,15,16,17,18
Seq#:107; Xaa Pos. 1,5,8,11,13
Seq#:108; Xaa Pos. 1,2,3,7,10,13,15,16,17,18,19,20
Seq#:109; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,14,15,16,17,18,19,20,21,22,23
Seq#:109; Xaa Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42
Seq#:109; Xaa Pos. 43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61
Seq#:109; Xaa Pos. 62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80
Seq#:109; Xaa Pos. 81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99
Seq#:109; Xaa Pos. 100,101,102,103,104,105,106,107,108,109,110,111,112,113

VERIFICATION SUMMARY

DATE: 05/11/2006

PATENT APPLICATION: US/10/639,076B

TIME: 12:15:23

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05112006\J639076B.raw

L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:0
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:16
L:1760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:32
L:1764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:48
L:1768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:64
L:1772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:80
L:1776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:96
L:1780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:112
L:1784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:128
L:1788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:144
L:1792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:160
L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:176
L:1800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:192
L:1875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:0
L:1879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:16
L:1917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:0
L:1921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:16
L:1925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:32
L:1945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:0
L:1949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:16
L:1984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:0
L:1988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:16
L:2028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:0
L:2032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:16
L:2072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:0
L:2112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:0
L:2116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:16
L:2166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0
L:2170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:16
L:2174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:32
L:2178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:48
L:2182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:64
L:2186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:80
L:2190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:96
L:2194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:112